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TRIDENT AUSTRALIA
FLUID SYSTEMS & COMPONENTS



TURBINE FLOWMETERS BY
HOFFER

Perfecting Measurement™

ACE P8 Printer
for use with ACE II and ICE
Cryogenic Electronics

Product Bulletin ACEP8-100C

TECHNICAL DATA SHEET



OUTSTANDING FEATURES

- ◆ Point of sale printed delivery ticket.
- ◆ Customized delivery tickets (contact factory).
- ◆ Reproduction of lost or damaged delivery ticket prior to start of next delivery.
- ◆ Maintenance reports for calibration and malfunction history.
- ◆ Preventive maintenance schedule and recalibration date printing on daily trip report.
- ◆ Log failure report for maintenance personnel.
- ◆ Self test to check control circuit function, printer mechanism and printing quality.
- ◆ Shock mounted waterproof NEMA-4X enclosure.
- ◆ Optional heaters for operation below 32 deg. F.

GENERAL DESCRIPTION

The Hoffer ACE P8 is a line thermal paper printer for use with ACE II and ICE cryogenic flow computers. It is a compact, lightweight printer with RS232 interface, mounted in a non-corrosive NEMA-4X enclosure. Printing at 2 inches/sec, the ACE P8 can be used in a variety of commercial and industrial applications in which small size and low cost are important considerations. The ACE P8 printer meets these objectives without compromising performance and reliability.



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SPECIFICATIONS

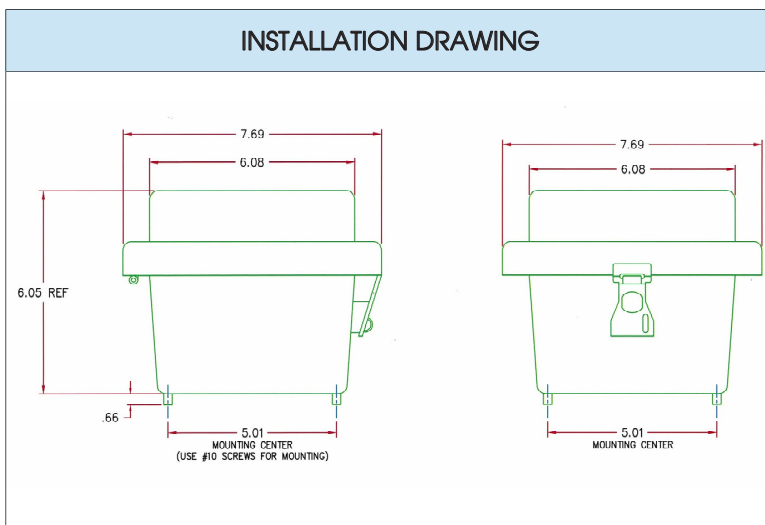
PRINTER CHARACTERISTICS

Printing Method	Line Thermal Printing
No. of columns	42, 24
Dot Density	8 dots/mm (203 dpi)
Print Speed	2 inches/sec
Print Width	48.8mm, 384 dots
Characters per Line	Font A: 32 characters/line Font B: 42 characters/line
Recommended Paper	58mm +/- x 2.25 inch diameter Roll thermal paper (TP58)
Interfaces	IRS-232C
Power	12, 24 VDC
Dimension	7.7"x7.7"x7.0"

Environmental (without heaters)

Temperature	0° to 50° C (ambient)
Relative Humidity	35% to 85%, non-condensing

Reliability	MCBF 50 million pulses Print head 50 km of paper
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ORDERING INFORMATION

Model ACE - P8 - () - () - () - ()

Power Options

(12)	12 VDC Power Input.
(24)	24 VDC Power Input.
(115/220)	115/220 A/C Voltage Input (includes A/C power cable).

Heaters

(H)	Heater-Required when temperature falls below 32 Deg. F.
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Enclosures

(M)	The printer is mounted in a fiberglass water-proof enclosure that meets Nema 4X and is supplied complete with shock mounts. The enclosure needs to mount in a semi-protected area away from melting frosted pipes.
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Special Features

(SP)	Any special features that are not covered in the model number, use a written description of the -SP.
(CE)	CE mark required for Europe.



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The specifications contained herein are subject to change without notice and any user of said specifications should verify from the manufacturer that the specifications are currently in effect. Otherwise, the manufacturer assumes no responsibility for the use of specifications which may have been changed and are no longer in effect.

Hoffer Flow Controls Quality Management System

